

Express Mail No. EV 453253055 US

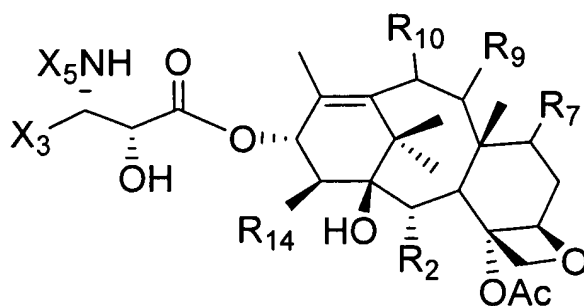
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

Claims 1-10 (cancel)

11. (original) A method for preparing a pharmaceutical composition comprising mixing at least one nonaqueous, pharmaceutically acceptable solvent and a taxane having the formula



wherein

R₂ is acyloxy;

R₇ is hydroxy;

R₉ is keto, hydroxy, or acyloxy;

R₁₀ is carbonate;

R₁₄ is hydrido or hydroxy;

X₃ is heterocyclo;

X₅ is -COX₁₀, -COOX₁₀, or -CONHX₁₀;

X₁₀ is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and

Ac is acetyl.

Express Mail No. EV 453253055 US

12. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl.

13. (original) The method of claim 11 wherein R_{10} is $R_{10a}OCO-$ and R_{10a} is methyl or ethyl.

14. (original) The method of claim 11 wherein X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl.

15. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, R_{10} is $R_{10a}OCO-$ and R_{10a} is methyl or ethyl.

16. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl.

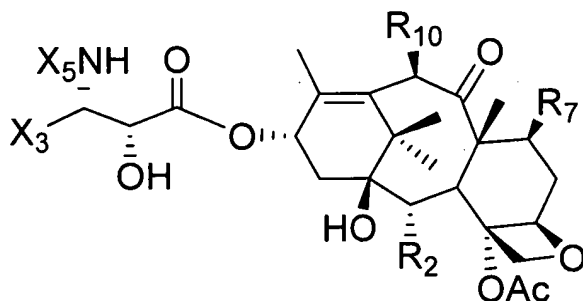
17. (original) The method of claim 11 wherein R_{10} is $R_{10a}OCO-$ and R_{10a} is methyl or ethyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl, or X_5 is $-COOX_{10}$ and X_{10} is substituted or unsubstituted $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl.

18. (original) The method of claim 11 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl, R_{10} is $R_{10a}OCO-$, R_{10a} is methyl or ethyl, X_5 is $-COX_{10}$ and X_{10} is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, $C_1 - C_8$ alkyl, $C_2 - C_8$ alkenyl, or $C_2 - C_8$ alkynyl, or

Express Mail No. EV 453253055 US

X_5 is $-\text{COOX}_{10}$ and X_{10} is substituted or unsubstituted $\text{C}_1 - \text{C}_8$ alkyl, $\text{C}_2 - \text{C}_8$ alkenyl, or $\text{C}_2 - \text{C}_8$ alkynyl.

19. (original) The method of claim 11 wherein X_3 is 2-furyl or 3-furyl.
20. (original) The method of claim 11 wherein X_3 is 2-thienyl or 3-thienyl.
21. (original) The method of claim 13 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
22. (original) The method of claim 14 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
23. (original) The method of claim 18 wherein X_3 is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
24. (previously presented) A taxane having the formula



wherein

X_3 is isopropyl, isobutenyl, cyclopropyl, cyclobutyl, cyclopentyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl;

X_5 is $-\text{COX}_{10}$ and X_{10} is 2-furyl, 2-thienyl, 3-pyridyl, 4-pyridyl, n-propyl, or butenyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

R_{10} is $R_{10a}\text{OCOO-}$; and

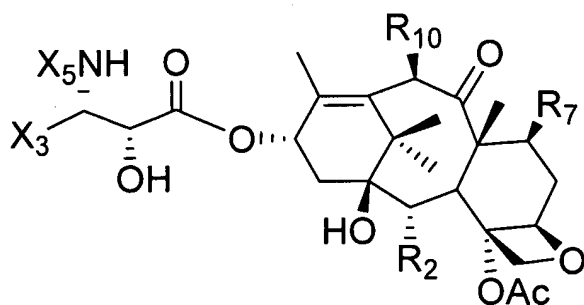
Express Mail No. EV 453253055 US

R_{10a} is methyl or ethyl.

25. (original) The taxane of claim 24 wherein X_3 is 2-thienyl or 3-thienyl.

26. (original) The taxane of claim 24 wherein X_3 is 2-furyl or 3-furyl.

27. (previously presented) A taxane having the formula



wherein

X_3 is 2-furyl or 2-thienyl;

X_5 is $-\text{COX}_{10}$ and X_{10} is trans-propenyl or isopropyl;

R_2 is benzoyloxy;

R_7 is hydroxy;

R_{10} is $R_{10a}\text{OCOO}-$; and

R_{10a} is ethyl.

28. (previously presented) The taxane of claim 27 wherein X_3 is 2-furyl.

29. (previously presented) The taxane of claim 27 wherein X_3 is 2-thienyl.

Claim 30 (cancelled)

31. (original) The taxane of claim 27 wherein X_5 is $-\text{COX}_{10}$ and X_{10} is trans-propenyl.

FSUM 10460.49
PATENT

Express Mail No. EV 453253055 US

Claims 32-39. (cancelled)